



# PUBLIC NOTICE

**File Number: NRS 15.048**

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Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

**APPLICANT:** Brandon Jenkins  
Grove Park Construction, LLC  
7101 Sharondale Ct., Suite 400  
Brentwood, TN 37027  
615-678-7963

**LOCATION:** Johnson Cove Subdivision, 6421 Johnson Chapel Road W, Brentwood, Williamson County, TN (Lat: 36.0275/Lon:-86.8480)

**PROJECT DESCRIPTION:** The applicant proposes to relocate 70 feet of an unnamed tributary to Beech Creek starting from an existing pond outfall to a position 50 feet northwest to allow for the development of four residential properties.

Impact 1: Latitude: 36.0275                      Longitude: -86.8480  
Unnamed tributary to Beech Creek (TN05130204021\_0400)

The applicant proposes to relocate 70 feet of an unnamed tributary to Beech Creek starting from an existing pond outfall to a position 50 feet northwest to allow for the development of four residential properties. A 30 ft. vegetated buffer would be created around the relocated channel. The new channel would be constructed and fully stabilized prior to the original channel being diverted and then filled.

**DEGRADATION:** In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will not result in degradation to water quality.

**WATERSHED / WATERBODY DESCRIPTION:** Beech Creek flows into the Little Harpeth which is part of the Harpeth River Watershed. The Harpeth River Watershed is located in Middle Tennessee and includes parts of Cheatham, Davidson, Dickson, Hickman, Rutherford and Williamson Counties. It includes cool springs with moderate gradient originating in the Inner Nashville Basin and warm water streams with shallow gradient flowing over exposed limestone in the Outer Nashville Basin. Even though the Harpeth River Watershed is mostly rural, a few

urbanized areas are developing very rapidly. The Harpeth River Watershed is approximately 863 square miles and drains to the Cumberland River. The mouth of the Harpeth River is at Cumberland River (Cheatham Lake) mile 152.9. For more information on this watershed please visit <http://www.state.tn.us/environment/water/watersheds/lower-tennessee-river.shtml>

Beech Creek (TN05130204021\_0400) is in the Outer Nashville Basin (71h) ecoregion. The channel dimensions are as follows: channel bottom width (variable 3-5'), channel top width 4-7', water depth (0-1'), and bank height (1-2'). Typical substrate in this section is comprised of mud and clay.

Beech Creek (TN05130204021\_0400) was assessed in 2010. It is not supporting its designated uses. The specific uses that are not meeting use support and the causes are as follows: Fish and Aquatic Life due to sedimentation/siltation and alteration in the stream side vegetation.

**Stream Name / ID #:** Beech Creek (TN05130204021\_0400)

**Ecoregion:** Outer Nashville Basin (71h)

**Stream Dimension:** Channel bottom width 3-5'  
Channel top width 4-7'  
Water depth 0-1'  
Bank height 1-2'

**Substrate:** mud/silt

**Designated Use**

Fish and aquatic life

**Use Support**

not supporting

**Causes**

sedimentation/siltation and alteration  
in the stream side vegetation

Recreation

fully supporting

Industrial water supply

fully supporting

Irrigation

fully supporting

Livestock watering & wildlife

fully supporting

Since the proposal includes the addition of a 30 foot vegetative buffer the stream is available for the proposed impacts.

**Assessment Date:** 2010

**PERMIT COORDINATOR:** Brian Canada

**FACTORS CONSIDERED:** In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

**COMMENTING:** Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date**

**that this notice is posted.** Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

**PUBLIC HEARING:** Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

**APPEAL:** A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Tisha Benton, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 11<sup>th</sup> floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

**FILE REVIEW:** The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation  
Division of Water Resources, Natural Resources Unit  
William R. Snodgrass Tennessee Tower  
312 Rosa L. Parks Avenue, 11th Floor  
Nashville, Tennessee 37243



  <b>BWSC</b> <small>Bentley Systems, Inc.</small>	Approximate Waters of the US		Stream Roadside Ditch Wetland Pond
	642 I Johnson Chapel Road Brentwood, Tennessee	T-Square Engineering, Inc. 2558 Nashville Hwy. Columbia, TN 38401	

In Path: \\vectors.bentley.com\Project\351359401\3594000\GIS\WatersofUS.mxd

Date: 19 November 2014

